ANNAMOUNCUS TA6616

Lug Nut?

All flowsheet sheet
for additional data

2397

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2397	032	02	12	74	26AA	36 46	75 48

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0008	05	—	08	025	N	SW	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CL	SA	E	FT	151	—	11	15

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	04500	0010	-	-

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN 3H4	LORAN 3H5	DEPTH fms	C/C	TIME ON STATION PO	TIME ON STATION DO
START	36° 46'	75° 48'	1964	3068	8		1035	1037
FINISH	36° 47'	75° 48'	1969	3070	9		PU 1052	ON 1056

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	1300/5 2	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Approximately 516 Whelk + Bucket
Tagged and released 4400+ Lbs.
Captured — Abundant
P. denTATus 3
STriper - 1

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R/V DAN MOORE SPECIES LIST

BFH. ABP

STATION NUMBER 2397 DATE Feb. 12 19 74 IDENTIFIED BY

TOTAL CATCH WT. 4500 SUBSAMPLE WT. NO. BASKETS

FF 4500 Crust 10 Moll = Other =

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
* Alosa spp. destivalis pseudoharengus	Abund.	4400+	Yes
* P. dentatus	3	1	Yes
* Morone saxatilis	1	15	Yes
Cancer irroratus	Comm.	10	No

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

1857
137
1974

Grid 26 AA

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2397

Date 2-12-74

Area of Release Between False Cape and Cape Henry - 18 to 9 Fms. within 2½ miles of #8 red buoy
BH4 SH5

LORAN Start 1964 3068 8Fms

Finish 1969 3070 9Fms

Tot. Fish Captured 8,948± (7784 BB) (1186 Alw)

Tot. Fish Tagged 518 (450 BB) (68 Alw.)

No. Retained for analysis 335 (BB295) (Alw 40)

Gear Type 151 WING NET

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
					Powell
				Blueback (198 BB)	B16144 - B16352
					(209)
					Broken Tags
					B16145 B16295
					B16217 B16189
					B16278 B16325
					B16225 B16198
					B16346 B16284
					B16393
					Total (11)
					Holland
				Blueback (252 BB)	B24008 - B24261
					(254)
				Alewife (68 Alw)	B24262 - B24329
					(68)
					Broken Tags
					B24200 B24231
					Total (2)

Blueback Herring

STATION	DATE	Fork LENGTH (mm)	WEIGHT (g)	SEX	SCALES	Age	SPAWNING MARKS	STAGE	BB #
2370 ✓	1-16-74	70	4	—	—	—	—	—	1
do.	"	72	4	—	—	—	—	—	2
do.	"	71	4	—	—	—	—	—	3
do.	"	100	8	—	—	—	—	—	4
do.	"	170	54	♀	—	—	—	Imm.	5
do.	"	160	46	♂	—	—	—		6
do.	"	147	38	?	✓	2A=2	0	—	7
do	"	157	40	♀	—	—	—	Imm.	8
do.	"	73	4	—	—	—	—	—	9
do.	"	69	4	—	—	—	—	—	10
do.	"	70	4	—	—	—	—	—	11
do.	"	177	65	♂	—	—	—		12
do.	"	148	38	♂	✓	2A=2	0		13
do.	"	93	8	—	✓	1A=1	0	—	14
do.	"	69	4	—	—	—	—	—	15
do. 16	"	69	4	—	—	—	—	—	16
2368 ✓	1-15-74	238	180	♀	—	—	—	III	17
do.	"	224	137	♂	—	—	—		18
do.	"	243	184	♂	—	—	—	II	19
do.	"	255	223	♀	—	—	—	III	20
2392 ✓	2-7-74	238	—	♀	—	—	—	II	21
2395 ✓	2-7-74	263	—	♀	—	—	—	III	22
2396 ✓	2-7-74	170	—	♂	—	—	—	—	23
"	"	159	—	♀	—	—	—	I	24
"	"	180	—	♂	—	—	—	—	25
"	"	162	—	♀	—	—	—	—	26
"	"	155 5	—	♂	—	—	—	—	27
2397 ✓	2-12-74	223	168	♂	✓	4A+1S=5	1	—	28
do.	"	234	188	♂	✓	5A=5		—	29
do.	"	243	202	♂	✓	4A-2S+=7	2	—	30
do.	"	247	186	♂	✓	3A+3S+=7	3	—	31
do.	"	222	152	♀	—	—	—	III	32
do.	"	235	172	♂	—	—	—	—	33
do.	"	233	180	♀	—	—	—	III	34
do.	"	244	156	♀	—	—	—	III	35
do.	"	240	204	♀	✓	4A+3S+=8	3	III	36
do.	"	253	218	♀	✓	5A+1S+=7	1	III	37
do.	"	242	194	♀	✓	4A+2S+=7	2	II	38
do.	"	233	180	♂	—	—	—	-	39
do.	"	245	200	♂	—	—	—	-	40
do.	"	228	160	♂	-	-	-	-	41
do.	"	235	184	♂	-	-	-	-	42
do.	"	—	—	♂	✓	3A+=4	0	-	43
do.	"	216	134	♀	✓ ?	4A+2S+=7	2	III	44
do.	"	233	190	♀	-	—	—	II	45
do.	"	227	150	♂	—	—	—	—	46
do.	"	242	190	♂	—	—	—	—	47
do.	"	258	258	♀	✓	4A-2S+=7	2	III	48
do.	"	250	246	♀	✓	5A-1S+=7	0	III	49
do.	"	230	190	♂	—	—	—	—	50

Species: P. ventricosus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
II-48	[illegible]	♂	✓	—				—	cont 2380 2581	90 grams * Area 3
II-49	261 ✓	♀	✓	—				I	"	175 Feb 1974
II-50	229 ✓	♀	✓	—				I	"	135
II-51	239 ✓	♀	✓	—				I	"	160
II-52	170 ✓	♂	✓	—				—	"	120
II-53	243 ✓	♀	✓	—				I	"	160
II-54	272 ✓	♀	✓	—				I	2406	235 Area II
II-55	235 ✓	♀	✓	—				I	"	140 Feb 1974
II-56	253 ✓	♀	✓	—				I	"	190
II-57	242 ✓	♀	✓	—				I	"	160
II-58	232 ✓	♂	✓	—				—	"	130
II-59	205 ✓	♀	✓	—				I	"	100
II-60	162 (SL) (1977)	♂	✓	—				I	"	75
II-61	317 ✓	♀	✓	—				I	2397	320 / Area I
II-62	203 ✓	♂	✓	—				—	"	95 Feb 1974
II-63	190 ✓	♂	✓	—				—	"	90
II-64	292 ✓	♀	✓	—				I	2409	255 Area IV Feb 1974
II-65	348 ✓	♀	✓	—				I	2405	465 Area I
II-66	214 ✓	♂	✓	—				—	"	110 Feb 1974
II-67	209 ✓	♀	✓	—				I	"	95
II-68	219 ✓	♀	✓	—				I	2387 2390	110 * 2 ♂
II-69	238 ✓	♀	✓	—				I	"	145 6 ♀
II-70	328 ✓	♀	✓	—				VII - I	"	350 0 I
II-71	200 ✓	♀	✓	—				I	"	85 Area I
II-72	213 ✓	♀	✓	—				I	"	105 Feb 1974
II-73	235 ✓	♀	✓	—				I	"	130
II-74	239 ✓	♀	✓	—				I	"	150
II-75	211 ✓	♀	✓	—				I	"	90
II-76	229 ✓	♂	✓	—				—	"	125
II-77	193 ✓	♀	✓	—				I	"	85
II-78	267 ✓	♀	✓	—				I	"	200
II-79	246 ✓	♀	✓	—				I	"	165
II-80	252 ✓	♂	✓	—				—	"	170
II-81	221 ✓	♀	✓	—				I	"	115
II-82	251 ✓	♀	✓	—				I	"	185
II-83	220 ✓	♀	✓	—				I	"	125
II-84	208 ✓	♂	✓	—				—	"	100
II-85	221 ✓	♀	✓	—				I	"	120
II-86	260 ✓	♀	✓	—				I	"	175
II-87	227 ✓	♂	✓	—				I	"	110

Hlewife

STATION	DATE	Fork LENGTH (MM)	WEIGHT (g)	SEX	SCALES	Age	SPAWNING MARKS	STAGE	AL #
2366 ✓	1-10-74	305	—	♂	✓	6A = 6	0	—	1
2395 ✓	2-7-74	250	—	♀	—	—	—	III	2
"	"	255	—	♀	—	—	—	III	3
		2/505							
2397 ✓	2-12-74	239	212	♂	—	—	—	—	4
"	"	218	160	♂	✓	5A+ = 6	0	—	5
"	"	227	200	♀	—	—	—	III	6
"	"	234	190	♂	—	—	—	—	7
"	"	235	222	♀	—	—	—	III	8
"	"	237	206	♂	—	—	—	—	9
"	"	245	244	♂	✓	3A-1St=5	1	—	10
"	"	235	190	♀	✓	5A+ = 6		II	11
"	"	245	245	♀	✓	4A+ = 5	0 ✓	III	12
"	"	237	244	♂	✓	4A+ = 5	0	—	13
"	"	235	232	♂	✓	3A-1St=5	0	—	14
"	"	268	330	♀	✓	3A-1St=5	1	III	15
"	"	230	210	♂	✓	5A+ = 6	0	—	16
"	"	240	244	♂	✓	3A-1St=5	1	—	17
"	"	228	159	♂	—	—	—	—	18
"	"	235	214	♀	—	—	—	III	19
"	"	252	268	♂	✓	3A-1St=5	1	—	20
"	"	242	244	♂	✓	3A-1St=5	1	—	21
"	"	225	192	♂	✓	3A+ = 4	0	—	22
"	"	232	200	♂	—	—	—	—	23
"	"	230	202	♂	✓	5A+ = 6	0	—	25
"	"	232	182	♀	—	—	—	I	26
"	"	258	272	♀	✓	4A+ = 5	0	III	27
"	"	235	224	♂	✓	4A+ = 5	0	—	28
"	"	258	312	♀	✓	3A-2St=6	2	III	29
"	"	238	224	♂	✓	5A+ = 6	0	—	30
"	"	230	214	♂	—	—	—	—	31
"	"	230	208	♂	—	—	—	—	32
"	"	227	188	♂	—	—	—	—	33
"	"	225	196	♂	—	—	—	—	34
"	"	233	216	♂	—	—	—	—	35
"	"	215	174	♂	—	—	—	—	36
"	"	240	234	♀	✓	5A+ = 6	0	III	37
"	"	225	192	♂	✓	5A+ = 6	0	—	38
"	"	225	174	♂	✓	3A+ = 4	0	—	39
"	"	215	176	♂	✓	2A+ = 3	0	—	40
"	"	235	220	♂	✓	3A-1St=5	1	—	41
"	"	240	192	♂	✓	3A+ = 4	0	—	42
"	"	230	206	♂	✓	3A-1St=5	1	—	43
"	"	230	212	♂	✓	3A-2St=6	2	—	44
		40/9390							
2411 ✓	3/5/74	247	266	♂	✓		1	—	45
"	"	270	330	♂	—	— ✓	—	—	46
"	"	235	240	♂	✓	3A-1St=5	1	—	47
"	"	252	294	♀	—	—	—	III	48
"	"	290	328	♂	—	—	—	—	49
"	"	233	202	♀	—	—	—	III	50
"	"	250	270	♀	—	—	—	III	51
"	"	261	280	♂	✓	3A-3St=7	3	—	52
		8/2038							

24 ALL MORTS

Length-frequency distribution

Species: *P. dentatus* | Station: 2397

Date: Feb. 12, 1974 | Locality:

T.L.	♂	♀
100 - 109		
110 -		
120 -		
130 -		
140 -		
150 -		
160 -		
170 -		
180 -		
190 -	1	
200 -	1	
210 -		
220 -		
230 -		
240 -		
250 -		
260 -		
270 -		
280 -		
290 -		
300 -		
310 -		1
320 -		
330 -		
340 -		
350 -		
360 -		
370 -		
380 -		
390 -		
400 -		
410 -		
420 -		
430 -		
440 -		
450 -		
460 -		
470 -		
480 -		
490 -		
500 -		
510 -		
520 -		
530 -		
540 -		
550 -		
560 -		
570 -		
580 -		
590 -		

T.L.
600 -
610 -
620 -
630 -
640 -
650 -
660 -
670 -
680 -
690 -
700 -
710 -
720 -
730 -
740 -
750 -

♂ = 2
♀ = 1
Unsexed - 0
3

Blueback Herring

STATION	DATE	Fork Length (mm)	WEIGHT (g)	SEX	SCALES	Age	SPAWNING MARKS	STAGE	BB #
2370	1-16-74	70	4		-	-	-	-	1
do.	"	72	4		-	-	-	-	2
do.	"	71	4		-	-	-	-	3
do.		100	8		-	-	-	-	4
do.	"	170	54	♀	-	-	-	Imm.	5
do.	"	160	46	♂	-	-	-		6
do.	"	147	38		✓	2A=2	0	-	7
do		157	40	♀	-	-	-	Imm.	8
do.	"	73	4		-	-	-	-	9
do.	"	69	4		-	-	-	-	10
do.	"	70	4		-	-	-	-	11
do.	"	177	65	♂	-	-	-		12
do.	"	148	38	♂	✓	2A=2	0		13
do.	"	73	8		✓	1A=1	0	-	14
do.	"	69	4		-	-	-	-	15
do.	"	64	4		-	-	-	-	16
2368	1-15-74	238	160	♀	-	-	-	III	17
do.	"	224	137	♂	-	-	-		18
do.	"	243	184	♂	-	-	-		19
do.	"	255	223	♀	-	-	-	III	20
2392	2-7-74	238	—	♀	—	—	—	II	21
2395	2-7-74	263	—	♀	—	—	—	III	22
2396	2-7-74	170	—	♂	—	—	—	—	23
"	"	159	—	♀	—	—	—	I	24
"	"	180	—	♂	—	—	—	—	25
"	"	162	—	♀	—	—	—	—	26
"	"	155	—	♂	—	—	—	—	27
2397	2-12-74	223	168	♂	✓	4A+1S=5	1	-	28
do.		234	188	♂	✓	5A=5	-	-	29
do.		243	202	♂	✓	4A-2S+=7	2	-	30
do.	"	247	186	♂	✓	3A+3S+=7	3	-	31
do.	"	222	152	♀	-	-	-	III	32
do.	"	235	172	♂	-	-	-	-	33
do.	"	233	130	♀	-	-	-	III	34
do.	"	244	156	♀	-	-	-	III	35
do.	"	240	204	♀	✓	4A+3S+=8	3	III	36
do.	"	253	218	♀	✓	5A+1S+=7	1	III	37
do.	"	242	194	♀	✓	4A-2S+=7	2	II	38
do.	"	233	180	♂	-	-	-	-	39
do.	"	245	200	♂	-	-	-	-	40
do.	"	228	160	♂	-	-	-	-	41
do.	"	235	184	♂	-	-	-	-	42
do.	"	—	—	♂	✓	3A+=4	0	-	43
do.	"	216	134	♀	✓ ?	4A+2S+=7	2	II	44
do.	"	233	190	♀	-	-	-	II	45
do.	"	227	150	♂	-	-	-	-	46
do	"	242	190	♂	-	-	-	-	47
do.	"	258	258	♀	✓	4A-2S+=7	2	III	48
do.	"	250	246	♀	✓	5A-1S+=7	0	III	49
do.	"	230	190	♂	-	-	-	-	50

Blueback Herring

Station	Date	Fork Length (mm)	Weight (g)	Sex	Scales	Age	Spawning Marks	Stage	BB #
2397	2-12-74	245	215	♀	–	–	–	III	51
"	"	230	193	♂	–	–	–	–	52
"	"	232	192	♀	–	–	–	III	53
"	"	220	149	♂	–	–	–	–	54
"	"	236	174	♀	–	–	–	III	55
"	"	253	220	♀	–	–	–	III	56
"	"	233	176	♂	–	–	–	–	57
"	"	235	184	♂	–	–	–	–	58
"	"	217	160	♂	–	–	–	–	59
"	"	228	158	♂	–	–	–	–	60
"	"	230	148	♀	–	–	–	II	61
"	"	225	160	♂	–	–	–	–	62
"	"	225	160	♂	–	–	–	–	63
"	"	240	200	♀	–	–	–	III	64
"	"	237	200	♂	–	–	–	–	65
"	"	225	160	♀	–	–	–	II	66
"	"	220	140	♀	–	–	–	II	67
"	"	228	162	♂	–	–	–	–	68
"	"	235	186	♀	–	–	–	III	69
"	"	247	222	♀	✓	2A-45+7	4	III	70
"	"	242	230	♂	–	–	–	–	71
"	"	237	192	♂	–	–	–	–	72
"	"	240	194	♀	–	–	–	II	73
"	"	233	176	♀	–	–	–	III	74
"	"	218	148	♀	–	–	–	II	75
"	"	215	126	♂	–	–	–	–	76
"	"	235	176	♀	–	–	–	II	77
"	"	230	178	♀	–	–	–	III	78
"	"	229	184	♂	✓	3A-25+6	2	–	79
"	"	244	202	♂	–	–	–	–	80
"	"	220	140	♂	–	–	–	–	81
"	"	227	150	♂	–	–	–	–	82
"	"	220	142	♂	–	–	–	–	83
"	"	247	226	♂	–	–	–	–	84
"	"	232	180	♀	–	–	–	II	85
"	"	234	190	♂	–	–	–	–	86
"	"	230	179	♂	✓	5P-15+7	1	–	87
"	"	245	168	♂	–	–	–	–	88
"	"	229	182	♂	–	–	–	–	89
"	"	228	170	♂	–	–	–	–	90
"	"	240	190	♂	–	–	–	–	91
"	"	240	182	♂	–	–	–	–	92
"	"	230	179	♂	–	–	–	–	93
"	"	224	150	♂	–	–	–	–	94
"	"	233	186	♂	–	–	–	–	95
"	"	233	186	♀	–	–	–	III	96
"	"	220	156	♂	–	–	–	–	97
"	"	230	154	♂	–	–	–	–	98
"	"	252	208	♂	–	–	–	–	99
"	"	227	178	♀	–	–	–	III	100
"	"	240	199	♂	–	–	–	–	101
"	"	233	176	♂	–	–	–	–	102
"	"	237	190	♂	–	–	–	–	103
"	"	240	210	♀				III	104

Blueback Herring

Station	Date	F.L. (mm)	Wt (g)	Sex	Scales	Age	Spawning Marks	Stage	BB #
2397	2-12-74	235	169	♀	—	—	—	II	105
"	"	260	246	♀	—	—	—	III	106
"	"	270	250	♀	—	—	—	III	107
"	"	225	156	♂	✓	3A-3S=7	3	—	108
"	"	[illegible]	159	♀	—	—	—	II	109
"	"	229	176	♂	✓	4A-1S=6	1	—	110
"	"	226	172	♀	—	—	—	I	111
"	"	231	150	♂	—	—	—	—	112
"	"	220	148	♂	—	—	—	—	113
"	"	229	166	♂	—	—	—	—	114
"	"	244	212	♂	—	—	—	—	115
"	"	[illegible]	188	♂	—	—	—	—	116
"	"	225	170	♂	—	—	—	—	117
"	"	233	176	♀	—	—	—	III	118
"	"	223	160	♂	—	—	—	—	119
"	"	225	179	♂	✓	3A-1S=5	1	—	120
"	"	248	230	♀	✓	3A-2S=5	2	III	121
"	"	227	184	♀	—	—	—	II	122
"	"	243	192	♀	✓	4A-1S=5	1	III	123
"	"	232	166	♂	✓	4A+=5	0	—	124
"	"	238	170	♂	—	—	—	—	125
"	"	234	200	♀	✓	4A+1S=6	1	III	126
"	"	235	190	♀	—	—	—	II	127
"	"	230	180	♂	—	—	—	—	128
"	"	234	190	♀	—	—	—	II	129
"	"	225	166	♀	—	—	—	II	130
"	"	235	216	♂	—	—	—	—	131
"	"	263	248	♀	—	—	—	III	132
"	"	250	224	♀	—	—	—	II	133
"	"	225	160	♂	—	—	—	—	134
"	"	220	160	♂	—	—	—	—	135
"	"	240	196	♀	—	—	—	III	136
"	"	229	159	♂	—	—	—	—	137
"	"	222	156	♂	—	—	—	—	138
"	"	238	208	♂	—	—	—	—	139
"	"	238	180	♂	✓	3A-1S=5	1	—	140
"	"	221	170	♂	—	—	—	—	141
"	"	220	144	♂	✓	3A+=4	0	—	142
"	"	228	169	♂	—	—	—	—	143
"	"	232	166	♀	—	—	—	II	144
"	"	235	182	♀	—	—	—	II	145
"	"	252	232	♀	—	—	—	II	146
"	"	213	140	♂	—	—	—	—	147
"	"	237	167	♂	—	—	—	—	148
"	"	223	164	♀	—	—	—	II	149
"	"	230	180	♀	—	—	—	II	150
"	"	238	196	♀	—	—	—	III	151
"	"	224	179	♂	—	—	—	—	152
"	"	233	186	♂	—	—	—	—	153
"	"	235	189	♀	—	—	—	III	154
"	"	228	184	♀	—	—	—	II	155
"	"	210	140	♂	—	—	—	—	156
"	"	227	160	♂	—	—	—	—	157
"	"	212	130	♂	—	—	—	—	158

Blueback Herring

Station	Date	F.L. (mm)	Wt. (g)	Sex	Scales	Age	Spawning Marks	Stage	B.B #
2397 ✓	2-12-74	225	174	♀	–	–	–	III	159
"	"	220	161	♂	–	–	–	–	160
"	"	227	159	♂	–	–	–	–	161
"	"	220	172	♂	–	–	–	–	162
"	"	235	178	♂	–	–	–	–	163
"	"	232	164	♀	–	–	–	II	164
"	"	221	156	♂	–	–	–	–	165
"	"	235	180	♂	–	–	–	–	166
"	"	235	176	♀	–	–	–	III	167
"	"	223	146	♂	–	–	–	–	168
"	"	223	170	♂	–	–	–	–	169
"	"	210	118	♀	–	–	–	I	170
"	"	217	146	♀	–	–	–	II	171
"	"	250	216	♂	–	–	–	–	172
"	"	239	176	♂	–	–	–	–	173
"	"	215	142	♂	–	–	–	–	174
"	"	220	162	♂	–	–	–	–	175
"	"	228	156	♂	–	–	–	–	176
"	"	220	140	♀	–	–	–	II	177
"	"	215	168	♂	–	–	–	–	178
"	"	210	162	♀	–	–	–	I	179
"	"	246	172	♂	–	–	–	–	180
"	"	235	196	♂	✓	4A+=5	O	–	181
"	"	210	132	♂	–	–	–	–	182
"	"	233	176	♀	–	–	–	II	183
"	"	230	178	♀	–	–	–	II	184
"	"	234	172	♂	–	–	–	–	185
"	"	245	198	♂ ✓	✓	4A=4	O	–	186
"	"	259	236	♀	–	–	–	III	187
"	"	230	164	♂	✓	4A+=5	O	–	188
"	"	255	244	♀	–	–	–	II	189
"	"	248	234	♀	–	–	–	II	190
"	"	230	184	♂	–	–	–	–	191
"	"	227	154	♂	–	–	–	–	192
"	"	242	216	♂	–	–	–	–	193
"	"	245	244	♀	–	–	–	II	194
"	"	250	218	♀	✓	Void	–	II	195
"	"	235	186	♂	–	–	–	–	196
"	"	253	230	♀	–	–	–	III	197
"	"	230	164	♀	–	–	–	II	198
"	"	238	228	♀	–	–	–	II	199
"	"	222	148	♂	–	–	–	–	200
"	"	220	168	♂	✓	4A+=5	O	–	201
"	"	222	164	♂	–	–	–	–	202
"	"	225	166	♀	–	–	–	II	203
"	"	229	174	♂	–	–	–	–	204
"	"	220	152	♂	–	–	–	–	205
"	"	230	196	♀	–	–	–	II	206
"	"	230	184	♂	–	–	–	–	207
"	"	275	290	♀	✓	unreadable		III	208
"	"	241	212	♂	✓	3A-2St=6	2	–	209
"	"	216	154	♂	✓	2A-2St=5	2	–	210
"	"	218	152	♂	–	–	–	–	211
"	"	219	150	♂	✓	2A-1St=4	1	–	212

Blueback Herring

Station	Date	FL (mm)	Wt (g)	Sex	Scales	Age	Spawning Marks	Stage	BB No.
2397	12-12-74	225	168	♂	–	–	–	–	213
"	"	251	192	♀	–	–	–	I	214
"	"	239	228	♂	✓	2A-3S+:6	3	–	215
"	"	267	276	♀	–	–	–	III	216
"	"	220	152	♂	–	–	–	–	217
"	"	226	176	♂	–	–	–	–	218
"	"	237	184	♀	–	–	–	II	219
"	"	227	150	♂	–	–	–	–	220
"	"	247	218	♀	–	–	–	III	221
"	"	230	180	♀	–	–	–	II	222
"	"	249	218	♂	✓	3A-2S+:6	2	–	223
"	"	234	178	♂	–	–	–	–	224
"	"	225	154	♀	–	–	–	II	225
"	"	222	140	♂	–	–	–	–	226
"	"	228	158	♀	–	–	–	II	227
"	"	238	187	♀	–	–	–	III	228
"	"	250	219	♂	–	–	–	–	229
"	"	237	182	♂	–	–	–	–	230
"	"	235	179	♀	–	–	–	II	231
"	"	221	140	♂	–	–	–	–	232
"	"	231	158	♀	–	–	–	I	233
"	"	221	159	♂	–	–	–	–	234
"	"	230	197	♂	–	–	–	–	235
"	"	228	180	♀	–	–	–	III	236
"	"	255	210	♀	–	–	–	III	237
"	"	221	148	♂	–	–	–	–	238
"	"	260	249	♀	–	–	–	III	239
"	"	230	179	♂	–	–	–	–	240
"	"	233	195	♀	–	–	–	II	241
"	"	231	182	♀	–	–	–	II	242
"	"	260	249	♂	✓	3A-3S+:7	3	–	243
"	"	233	205	♂	–	–	–	–	244
"	"	236	166	♀	–	–	–	II	245
"	"	238	182	♀	–	–	–	II	246
"	"	245	222	♀	–	–	–	III	247
"	"	210	134	♂	–	–	–	–	248
"	"	245	210	♀	–	–	–	II	249
"	"	223	154	♀	–	–	–	II	250
"	"	216	160	♂	–	–	–	–	251
"	"	225	168	♀	–	–	–	III	252
"	"	230	175	♀	–	–	–	II	253
"	"	246	201	♂	✓	3A-2S+:6	2	–	254
"	"	240	200	♀	✓	4A+:5	0	III	255
"	"	238	180	♂	–	–	–	–	256
"	"	237	184	♀	–	–	–	II	257
"	"	230	166	♂	✓	4A+=5	0	–	258
"	"	230	180	♂	–	–	–	–	259
"	"	250	209	♂	–	–	–	–	260
"	"	238	180	♀	–	–	–	III	261
"	"	258	266	♂	✓	2A-3S+:6	3	–	262
"	"	241	212	♂	✓	3A-2S+:6	2	–	263
"	"	218	182	♀	–	–	–	II	264
"	"	222	145	♂	–	–	–	–	265
"	"	237	199	♂	–	–	–	–	266

BLUEBACK HERRING

STATION	DATE	FL (mm)	WT (g)	SEX	SCALES	AGE	SPAWNING MARKS	STAGE	BB NO.
2397	2-12-74	234	164	♂	-	-	-	-	267
"	"	230	176	♂	-	-	-	-	268
"	"	255	224	♀	-	-	-	III	269
"	"	215	164	♂	✓	3A+ = 4	0	-	270
"	"	225	183	♂	-	-	-	-	271
"	"	223	179	♂	-	-	-	-	272
"	"	225	165	♂	-	-	-	-	273
"	"	227	160	♂	-	-	-	-	274
"	"	237	172	♀	-	-	-	II	275
"	"	230	158	♂	-	-	-	-	276
"	"	230	176	♂	-	-	-	-	277
"	"	230	196	♀	-	-	-	II	278
"	"	229	156	♀	-	-	-	II	279
"	"	232	170	♀	-	-	-	II	280
"	"	213	122	♂	-	-	-	-	281
"	"	245	196	♀	-	-	-	II	282
"	"	254	242	♀	-	-	-	III	283
"	"	230	174	♂	-	-	-	-	284
"	"	242	183	♂	-	-	-	-	285
"	"	257	234	♀	✓	3A - 2S+ 6	2	III	286
"	"	232	172	♀	-	-	-	II	287
"	"	212	136	♂	-	-	-	-	288
"	"	230	180	♀	✓	4A+ = 5	0	II	289
"	"	240	208	♂	✓	4A+3S+ 8	3	-	290
"	"	211	120	♂	✓	5A+ = 6	0	-	291
"	"	229	164	♀	-	-	-	II	292
"	"	227	156	♀	-	-	-	II	293
"	"	230	192	♂	-	-	-	-	294
"	"	242	197	♀	-	-	-	II	295
"	"	237	183	♀	-	-	-	II	296
"	"	225	167	♂	-	-	-	-	297
"	"	225	160	♂	✓	3A - 1S+ 5	1	-	298
"	"	235	160	♀	-	-	-	II	299
"	"	237	160	♂	✓	4A+ = 5	0	-	300
"	"	205	126	♂	-	-	-	-	301
"	"	-	-	♂	✓	5A+ = 6	0	-	302
"	"	227	174	♂	-	-	-	-	303
"	"	240	192	♀	✓	4A = 4	0	II	304
"	"	227	165	♂	-	-	-	-	305
"	"	216	152	♂	-	-	-	-	306
"	"	234	194	♂	✓	4A+ = 5	0	-	307
"	"	260	272	♀	✓	4A - 2S+ = 7	2	II	308
"	"	245	204	♂	-	-	-	-	309
"	"	235	152	♂	-	-	-	-	310
"	"	265	268	♀	✓	3A - 2S+ = 6	2	III	311
"	"	225	169	♂	-	-	-	-	312
"	"	234	180	♂	✓	4A+ = 5	0	-	313
"	"	234	180	♀	✓	4A+ = 5	0	II	314
"	"	220	161	♂	✓	5A = 5	0	-	315
"	"	238	220	♂	✓	6A - 1S+ = 8	1	-	316
"	"	252	160	♂	-	-	-	-	317
"	"	239	222	♀	✓	4A - 1S+ = 6	1	III	318
"	"	240	200	♀	-	-	-	II	319
"	"	240	188	♀	-	-	-	II	320

BLUEBACK HERRING

Station	Date	FL (mm)	Wt. (g)	Sex	Scales	Age	Spawning Marks	Stage	BB No.
2397 ✓	2-12-74	240	180	♂	✓	4A+:5	0	–	321
"	"	238	184	♀	–	–	–	II	322
2411 ✓	3/5/74	245	240	♀	–	–	–	III	323
		264	256	♀	–	–	–	III	324
		232	184	♂	–	–	–	–	325
		219	142	♂	–	–	–	–	326
		249	228	♂	–	–	–	–	327
		257	240	♂	–	–	–	–	328
		244	214	♂	–	–	–	–	329
		253	230	♂	✓	3A+4S+:8	4	–	330
		241	196	♂	–	–	–	–	331
		234	178	♂	–	–	–	–	332
		240	190	♂	–	–	–	–	333
		263	228	♂	–	–	–	–	334
		245	208	♂	–	–	–	–	335
		266	260	♀	–	–	–	III	336
		263	266	♀	–	–	–	III	337
		267	230	♂	✓	UN-readable	–	–	338
		220	164	♂	–	–	–	–	339
		255	238	♀	✓	5A+:6	0	III	340
		240	194	♂	–	–	–	–	341
		250	208	♂	–	–	–	–	342
		244	200	♂	–	–	–	–	343
		245	228	♀	–	–	–	III	344
		255	272	♀	–	–	–	III	345
		240	200	♂	–	–	–	–	346
		257	240	♂	–	–	–	–	347
		260	268	♂	–	–	–	–	348
		235	168	♀	–	–	–	III	349
		260	262	♂	–	–	–	–	350
		263	260	♀	–	–	–	III	351
		252	212	♂	–	–	–	–	352
		254	234	♂	✓	3A-3S+:7	3	–	353
		280	304	♀	–	–	–	III	354
		258	238	♂	✓	UN-readable	–	–	355
		270	268	♀	–	–	–	III	356
		229	152	♂	–	–	–	–	357
		253	210	♂	–	–	–	–	358
		252	218	♂	–	–	–	–	359
		252	252	♀	–	–	–	III	360
		258	228	♂	–	–	–	–	361
		270	280	♀	✓	5A-1S+:7	1	III	362
		245	212	♂	–	–	–	–	363
		255	220	♀	✓	3A-2S+:6	2	III	364
		270	270	♂	–	–	–	–	365
		245	184	♂	–	–	–	–	366
		250	220	♂	–	–	–	–	367
		245	204	♂	–	–	–	–	368
		250	202	♂	✓	–	–	–	369
		263	260	♀	–	–	–	III	370
		260	274	♀	–	–	–	III	371
		243	210	♂	–	–	–	–	372
2411 ✓		255	256	♂	–	–	–	–	373